

APPENDIX 5.19
November 30, 2004 Groundwater
Sample Analytical Package

EnviroMatrix



Analytical, Inc.

29 April 2005

City of San Diego
Attn: George Morton
9601 Ridgehaven Court, Ste 310
San Diego, California 92123

EMA Log #: 0411377

Project Name: Mission Bay

Enclosed are the results of analyses for samples received by the laboratory on 11/30/04 17:11. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Dan Verdon', is written over a light blue horizontal line.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

4340 Viewridge Avenue, Suite A - San Diego, California 92123 - (858) 560-7717 - Fax (858) 560-7763
Analytical Chemistry Laboratory

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MBW-1	0411377-01	Grnd-Water	11/30/04 13:10	11/30/04 17:11
MBW-2	0411377-02	Grnd-Water	11/30/04 14:15	11/30/04 17:11
MBW-3	0411377-03	Grnd-Water	11/30/04 15:15	11/30/04 17:11
MBE-4	0411377-04	Grnd-Water	11/30/04 12:15	11/30/04 17:11
MBW-5	0411377-05	Grnd-Water	11/30/04 12:00	11/30/04 17:11
MBE-6	0411377-06	Grnd-Water	11/30/04 14:40	11/30/04 17:11
MBW-7	0411377-07	Grnd-Water	11/30/04 13:20	11/30/04 17:11
MB-10	0411377-08	Grnd-Water	11/30/04 12:45	11/30/04 17:11
MBSW-2	0411377-09	Stormwater	11/30/04 15:45	11/30/04 17:11
MBSW-3	0411377-10	Stormwater	11/30/04 15:25	11/30/04 17:11
SDRSW-5	0411377-11	Stormwater	11/30/04 13:40	11/30/04 17:11
SDRSW-9	0411377-12	Stormwater	11/30/04 15:00	11/30/04 17:11
NMMW-Duplicate	0411377-13	Grnd-Water	11/30/04 00:00	11/30/04 17:11
Field Blank	0411377-14	Water	11/30/04 00:00	11/30/04 17:11
Trip Blank	0411377-15	Water	11/30/04 00:00	11/30/04 17:11

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Metals (Dissolved) by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-1 (0411377-01) Grnd-Water Sampled: 11/30/04 13:10 Received: 11/30/04 17:11										
Arsenic	0.004	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	J
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Thallium	ND	0.0006	0.050	"	"	"	"	"	"	
MBW-2 (0411377-02) Grnd-Water Sampled: 11/30/04 14:15 Received: 11/30/04 17:11										
Arsenic	0.005	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	J
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Thallium	ND	0.0006	0.050	"	"	"	"	"	"	
MBW-3 (0411377-03) Grnd-Water Sampled: 11/30/04 15:15 Received: 11/30/04 17:11										
Arsenic	0.010	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	
Chromium	0.004	0.004	0.050	"	"	"	"	"	"	J
Thallium	ND	0.0006	0.050	"	"	"	"	"	"	
MBE-4 (0411377-04) Grnd-Water Sampled: 11/30/04 12:15 Received: 11/30/04 17:11										
Arsenic	0.016	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	
Barium	0.259	0.0006	0.010	"	"	"	"	"	"	
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Iron	0.09	0.05	0.10	"	"	4120224	12/02/04	12/02/04	EPA 6010	J
Molybdenum	0.214	0.005	0.010	"	"	4120106	12/01/04	12/10/04	EPA 6020	
Nickel	0.017	0.002	0.010	"	"	"	"	12/09/04	"	
Lead	ND	0.001	0.005	"	"	"	"	"	"	
Antimony	0.002	0.002	0.005	"	"	"	"	"	"	J
Selenium	0.036	0.005	0.020	"	"	"	"	12/09/04	"	
Thallium	ND	0.0006	0.050	"	"	"	"	12/09/04	"	
Vanadium	0.067	0.0004	0.010	"	"	"	"	"	"	
Zinc	0.059	0.010	0.020	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Metals (Dissolved) by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-5 (0411377-05) Grnd-Water Sampled: 11/30/04 12:00 Received: 11/30/04 17:11										
Arsenic	0.012	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Thallium	ND	0.0006	0.050	"	"	"	"	"	"	
MBE-6 (0411377-06) Grnd-Water Sampled: 11/30/04 14:40 Received: 11/30/04 17:11										
Arsenic	0.006	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	J
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Thallium	ND	0.0006	0.050	"	"	"	"	"	"	
MBW-7 (0411377-07) Grnd-Water Sampled: 11/30/04 13:20 Received: 11/30/04 17:11										
Arsenic	ND	0.013	0.100	mg/l	10	4120106	12/01/04	12/09/04	EPA 6020	
Chromium	ND	0.004	0.050	"	1	"	"	12/01/04	"	
Thallium	ND	0.0006	0.050	"	"	"	"	12/09/04	"	
MB-10 (0411377-08) Grnd-Water Sampled: 11/30/04 12:45 Received: 11/30/04 17:11										
Arsenic	0.001	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	J
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Thallium	ND	0.0006	0.050	"	"	"	"	"	"	
MBSW-2 (0411377-09) Stormwater Sampled: 11/30/04 15:45 Received: 11/30/04 17:11										
Arsenic	0.001	0.001	0.010	mg/l	1	4120106	12/01/04	12/01/04	EPA 6020	J
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Thallium	ND	0.0006	0.050	"	"	"	"	12/09/04	"	
MBSW-3 (0411377-10) Stormwater Sampled: 11/30/04 15:25 Received: 11/30/04 17:11										
Arsenic	ND	0.013	0.100	mg/l	10	4120106	12/01/04	12/09/04	EPA 6020	
Chromium	ND	0.004	0.050	"	1	"	"	12/01/04	"	
Thallium	ND	0.0006	0.050	"	"	"	"	12/09/04	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Metals (Dissolved) by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SDRSW-5 (0411377-11) Stormwater Sampled: 11/30/04 13:40 Received: 11/30/04 17:11										
Arsenic	ND	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Thallium	ND	0.0006	0.050	"	"	"	"	"	"	
SDRSW-9 (0411377-12) Stormwater Sampled: 11/30/04 15:00 Received: 11/30/04 17:11										
Arsenic	0.005	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	J
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Thallium	ND	0.0006	0.050	"	"	"	"	"	"	
NMMW-Duplicate (0411377-13) Grnd-Water Sampled: 11/30/04 00:00 Received: 11/30/04 17:11										
Arsenic	0.009	0.001	0.010	mg/l	1	4120106	12/01/04	12/09/04	EPA 6020	J
Chromium	ND	0.004	0.050	"	"	"	"	"	"	
Thallium	ND	0.0006	0.050	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-1 (0411377-01) Grnd-Water Sampled: 11/30/04 13:10 Received: 11/30/04 17:11										GC-35
Acetone	ND	7.46	25.0	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	1.34	0.33	2.00	"	"	"	"	"	"	J
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix Analytical, Inc.



Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-1 (0411377-01) Grnd-Water Sampled: 11/30/04 13:10 Received: 11/30/04 17:11										GC-35
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		118 %	80-135			"	"	"	"	
Surrogate: Toluene-d8		110 %	80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-2 (0411377-02) Grnd-Water Sampled: 11/30/04 14:15 Received: 11/30/04 17:11										GC-35
Acetone	ND	7.46	25.0	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	1.19	0.33	2.00	"	"	"	"	"	"	J
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix Analytical, Inc.



Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-2 (0411377-02) Grnd-Water Sampled: 11/30/04 14:15 Received: 11/30/04 17:11										GC-35
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		100 %	80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		120 %	80-135			"	"	"	"	
Surrogate: Toluene-d8		107 %	80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-3 (0411377-03) Grnd-Water Sampled: 11/30/04 15:15 Received: 11/30/04 17:11										GC-35
Acetone	ND	7.46	25.0	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	0.95	0.33	2.00	"	"	"	"	"	"	J
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-3 (0411377-03) Grnd-Water Sampled: 11/30/04 15:15 Received: 11/30/04 17:11										GC-35
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		<i>106 %</i>	<i>80-130</i>			<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>120 %</i>	<i>80-135</i>			<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>108 %</i>	<i>80-120</i>			<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBE-4 (0411377-04) Grnd-Water Sampled: 11/30/04 12:15 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	0.32	0.28	1.00	"	"	"	"	"	"	J
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	6.77	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	0.54	0.28	1.00	"	"	"	"	"	"	J
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	0.77	0.33	2.00	"	"	"	"	"	"	J
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBE-4 (0411377-04) Grnd-Water Sampled: 11/30/04 12:15 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	0.80	0.38	2.00	"	"	"	"	"	"	J
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	0.43	0.25	1.00	"	"	"	"	"	"	J
Surrogate: Dibromofluoromethane	102 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	114 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	105 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-5 (0411377-05) Grnd-Water Sampled: 11/30/04 12:00 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix Analytical, Inc.



Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-5 (0411377-05) Grnd-Water Sampled: 11/30/04 12:00 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	101 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	115 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	107 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBE-6 (0411377-06) Grnd-Water Sampled: 11/30/04 14:40 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBE-6 (0411377-06) Grnd-Water Sampled: 11/30/04 14:40 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	102 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	116 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	107 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-7 (0411377-07) Grnd-Water Sampled: 11/30/04 13:20 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-7 (0411377-07) Grnd-Water Sampled: 11/30/04 13:20 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	111 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	118 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	107 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MB-10 (0411377-08) Grnd-Water Sampled: 11/30/04 12:45 Received: 11/30/04 17:11										GC-35
Acetone	ND	7.46	25.0	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MB-10 (0411377-08) Grnd-Water Sampled: 11/30/04 12:45 Received: 11/30/04 17:11										GC-35
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120201	12/02/04	12/02/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		<i>102 %</i>	<i>80-130</i>			<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>116 %</i>	<i>80-135</i>			<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>105 %</i>	<i>80-120</i>			<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBSW-2 (0411377-09) Stormwater Sampled: 11/30/04 15:45 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBSW-2 (0411377-09) Stormwater Sampled: 11/30/04 15:45 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	102 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	115 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	105 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBSW-3 (0411377-10) Stormwater Sampled: 11/30/04 15:25 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBSW-3 (0411377-10) Stormwater Sampled: 11/30/04 15:25 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	104 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	117 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	108 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SDRSW-5 (0411377-11) Stormwater Sampled: 11/30/04 13:40 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SDRSW-5 (0411377-11) Stormwater Sampled: 11/30/04 13:40 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	102 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	113 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	107 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SDRSW-9 (0411377-12) Stormwater Sampled: 11/30/04 15:00 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SDRSW-9 (0411377-12) Stormwater Sampled: 11/30/04 15:00 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	108 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	118 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	109 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NMMW-Duplicate (0411377-13) Grnd-Water Sampled: 11/30/04 00:00 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	1.05	0.33	2.00	"	"	"	"	"	"	J
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NMMW-Duplicate (0411377-13) Grnd-Water Sampled: 11/30/04 00:00 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	100 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	115 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	104 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix Analytical, Inc.



Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Field Blank (0411377-14) Water Sampled: 11/30/04 00:00 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Field Blank (0411377-14) Water Sampled: 11/30/04 00:00 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	0.45	0.35	5.00	"	"	"	"	"	"	J
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	98 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	114 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	106 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix Analytical, Inc.



Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (0411377-15) Water Sampled: 11/30/04 00:00 Received: 11/30/04 17:11										
Acetone	ND	7.46	25.0	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix Analytical, Inc.



Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (0411377-15) Water Sampled: 11/30/04 00:00 Received: 11/30/04 17:11										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120301	12/03/04	12/03/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane	103 %		80-130			"	"	"	"	
Surrogate: 4-Bromofluorobenzene	109 %		80-135			"	"	"	"	
Surrogate: Toluene-d8	102 %		80-120			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-1 (0411377-01) Grnd-Water Sampled: 11/30/04 13:10 Received: 11/30/04 17:11										
Nitrate as N	0.19	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	6.54	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	807	25.0	125	mg/l	25	4120137	12/01/04	12/02/04	SM4500 SO4 E	
MBW-2 (0411377-02) Grnd-Water Sampled: 11/30/04 14:15 Received: 11/30/04 17:11										
Nitrate as N	0.10	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	6.39	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	2710	100	500	mg/l	100	4120137	12/01/04	12/02/04	SM4500 SO4 E	
MBW-3 (0411377-03) Grnd-Water Sampled: 11/30/04 15:15 Received: 11/30/04 17:11										
Nitrate as N	ND	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	0.009	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	J
pH	6.68	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	10.9	1.0	5.0	mg/l	"	4120137	12/01/04	12/02/04	SM4500 SO4 E	
MBE-4 (0411377-04) Grnd-Water Sampled: 11/30/04 12:15 Received: 11/30/04 17:11										
Ammonia as N	6.96	0.11	0.50	mg/l	5	4120311	12/03/04	12/03/04	SM4500 NH3 B,C	
Specific Conductance (EC)	81400	1	1	umhos/cm	1	4120210	12/02/04	12/02/04	SM2510 B	
Nitrate as N	0.16	0.009	0.05	mg/l	"	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	0.02	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	J
Oil & Grease	ND	1	1	"	"	4113008	12/01/04	12/01/04	EPA 413.1	
pH	6.86	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Total Dissolved Solids	48600	1	20	mg/l	"	4120111	12/01/04	12/03/04	SM2540 C	
Sulfate as SO4	2320	100	500	"	100	4120137	12/01/04	12/02/04	SM4500 SO4 E	
Total Sulfide	ND	0.05	0.05	"	1	4120208	12/02/04	12/02/04	SM4500 S D	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBW-5 (0411377-05) Grnd-Water Sampled: 11/30/04 12:00 Received: 11/30/04 17:11										
Nitrate as N	0.09	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	6.84	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	3100	100	500	mg/l	100	4120137	12/01/04	12/02/04	SM4500 SO4 E	
MBE-6 (0411377-06) Grnd-Water Sampled: 11/30/04 14:40 Received: 11/30/04 17:11										
Nitrate as N	0.009	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	J
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	7.11	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	1950	100	500	mg/l	100	4120137	12/01/04	12/02/04	SM4500 SO4 E	
MBW-7 (0411377-07) Grnd-Water Sampled: 11/30/04 13:20 Received: 11/30/04 17:11										
Nitrate as N	0.09	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	7.03	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	1320	100	500	mg/l	100	4120137	12/01/04	12/02/04	SM4500 SO4 E	
MB-10 (0411377-08) Grnd-Water Sampled: 11/30/04 12:45 Received: 11/30/04 17:11										
Nitrate as N	0.10	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	6.68	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	4410	250	1250	mg/l	250	4120137	12/01/04	12/02/04	SM4500 SO4 E	
MBSW-2 (0411377-09) Stormwater Sampled: 11/30/04 15:45 Received: 11/30/04 17:11										
Nitrate as N	0.009	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	J
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	8.00	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	2720	100	500	mg/l	100	4120137	12/01/04	12/02/04	SM4500 SO4 E	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MBSW-3 (0411377-10) Stormwater Sampled: 11/30/04 15:25 Received: 11/30/04 17:11										
Nitrate as N	ND	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	8.07	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	2650	100	500	mg/l	100	4120137	12/01/04	12/02/04	SM4500 SO4 E	
SDRSW-5 (0411377-11) Stormwater Sampled: 11/30/04 13:40 Received: 11/30/04 17:11										
Nitrate as N	ND	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	8.05	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	259	10.0	50.0	mg/l	10	4120137	12/01/04	12/02/04	SM4500 SO4 E	
SDRSW-9 (0411377-12) Stormwater Sampled: 11/30/04 15:00 Received: 11/30/04 17:11										
Nitrate as N	3.76	0.04	0.25	mg/l	5	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	ND	0.007	0.05	"	1	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	7.80	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	1380	50.0	250	mg/l	50	4120137	12/01/04	12/02/04	SM4500 SO4 E	
NMMW-Duplicate (0411377-13) Grnd-Water Sampled: 11/30/04 00:00 Received: 11/30/04 17:11										
Nitrate as N	0.06	0.009	0.05	mg/l	1	4120121	12/01/04	12/01/04	SM4500 NO3 E	
Nitrite as N	ND	0.007	0.05	"	"	4120107	12/01/04	12/01/04	SM4500 NO2 B	
pH	6.64	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Sulfate as SO4	876	50.0	250	mg/l	50	4120137	12/01/04	12/02/04	SM4500 SO4 E	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Metals (Dissolved) by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4120106

Blank (4120106-BLK1)

Prepared: 12/01/04 Analyzed: 12/09/04

Antimony	ND	0.002	0.005	mg/l
Arsenic	ND	0.001	0.010	"
Barium	ND	0.0006	0.010	"
Lead	ND	0.001	0.005	"
Nickel	ND	0.002	0.010	"
Selenium	ND	0.005	0.020	"
Thallium	ND	0.0006	0.050	"
Vanadium	ND	0.0004	0.010	"
Zinc	ND	0.010	0.020	"
Chromium	ND	0.004	0.005	"
Molybdenum	ND	0.005	0.010	"

LCS (4120106-BS1)

Prepared: 12/01/04 Analyzed: 12/09/04

Antimony	0.083	0.002	0.005	mg/l	0.100	83	75-125
Arsenic	0.115	0.001	0.010	"	0.100	115	75-125
Barium	0.112	0.0006	0.010	"	0.100	112	75-125
Lead	0.111	0.001	0.005	"	0.100	111	75-125
Nickel	0.108	0.002	0.010	"	0.100	108	85-115
Selenium	0.117	0.005	0.020	"	0.100	117	75-125
Thallium	0.108	0.0006	0.050	"	0.100	108	75-125
Vanadium	0.110	0.0004	0.010	"	0.100	110	75-125
Zinc	0.122	0.010	0.020	"	0.100	122	75-125
Chromium	0.109	0.004	0.005	"	0.100	109	75-125
Molybdenum	0.106	0.005	0.010	"	0.100	106	75-125

LCS Dup (4120106-BSD1)

Prepared: 12/01/04 Analyzed: 12/09/04

Antimony	0.079	0.002	0.005	mg/l	0.100	79	75-125	5	20
Arsenic	0.106	0.001	0.010	"	0.100	106	75-125	8	20
Barium	0.102	0.0006	0.010	"	0.100	102	75-125	9	20
Lead	0.103	0.001	0.005	"	0.100	103	75-125	7	20
Nickel	0.100	0.002	0.010	"	0.100	100	85-115	8	20
Selenium	0.119	0.005	0.020	"	0.100	119	75-125	2	20
Thallium	0.100	0.0006	0.050	"	0.100	100	75-125	8	20
Vanadium	0.101	0.0004	0.010	"	0.100	101	75-125	9	20
Zinc	0.114	0.010	0.020	"	0.100	114	75-125	7	20
Chromium	0.099	0.004	0.005	"	0.100	99	75-125	10	20
Molybdenum	0.098	0.005	0.010	"	0.100	98	75-125	8	20

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Metals (Dissolved) by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120106											
Duplicate (4120106-DUP1)		Source: 0411377-01			Prepared: 12/01/04		Analyzed: 12/09/04				
Antimony	ND	0.002	0.005	mg/l		0.004				20	
Arsenic	0.008	0.001	0.010	"		0.004			67	20	QR-04, J
Barium	0.646	0.0006	0.010	"		0.755			16	20	
Lead	ND	0.001	0.005	"		ND				20	
Nickel	0.004	0.002	0.010	"		0.004			0	20	J
Selenium	0.015	0.005	0.020	"		0.015			0	20	J
Thallium	ND	0.0006	0.050	"		ND				20	
Vanadium	0.009	0.0004	0.010	"		0.007			25	20	QR-04, J
Zinc	0.046	0.010	0.020	"		0.046			0	20	
Chromium	ND	0.004	0.005	"		ND				20	
Molybdenum	0.014	0.005	0.010	"		0.018			25	20	QR-02
Matrix Spike (4120106-MS1)		Source: 0411377-01			Prepared: 12/01/04		Analyzed: 12/09/04				
Antimony	0.100	0.002	0.005	mg/l	0.100	0.004	96	75-125			
Arsenic	0.099	0.001	0.010	"	0.100	0.004	95	75-125			
Barium	0.762	0.0006	0.010	"	0.100	0.755	7	75-125			QM-4X
Lead	0.118	0.001	0.005	"	0.100	ND	118	75-125			
Nickel	0.090	0.002	0.010	"	0.100	0.004	86	70-130			
Selenium	0.110	0.048	0.200	"	0.100	0.015	95	75-125			J
Thallium	0.123	0.0006	0.050	"	0.100	ND	123	75-125			
Vanadium	0.086	0.004	0.100	"	0.100	0.007	79	75-125			J
Zinc	0.110	0.010	0.020	"	0.100	0.046	64	75-125			QM-05
Chromium	0.117	0.004	0.005	"	0.100	ND	117	75-125			
Molybdenum	0.142	0.005	0.010	"	0.100	0.018	124	75-125			
Matrix Spike Dup (4120106-MSD1)		Source: 0411377-01			Prepared: 12/01/04		Analyzed: 12/09/04				
Antimony	0.102	0.002	0.005	mg/l	0.100	0.004	98	75-125	2	20	
Arsenic	0.096	0.001	0.010	"	0.100	0.004	92	75-125	3	20	
Barium	0.776	0.0006	0.010	"	0.100	0.755	21	75-125	2	20	QM-4X
Lead	0.119	0.001	0.005	"	0.100	ND	119	75-125	0.8	20	
Nickel	0.093	0.002	0.010	"	0.100	0.004	89	70-130	3	20	
Selenium	0.071	0.005	0.020	"	0.100	0.015	56	75-125	43	20	QM-05
Thallium	0.123	0.0006	0.050	"	0.100	ND	123	75-125	0	20	
Vanadium	0.100	0.004	0.100	"	0.100	0.007	93	75-125	15	20	
Zinc	0.111	0.010	0.020	"	0.100	0.046	65	75-125	0.9	20	QM-05
Chromium	0.114	0.004	0.005	"	0.100	ND	114	75-125	3	20	
Molybdenum	0.141	0.005	0.010	"	0.100	0.018	123	75-125	0.7	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Metals (Dissolved) by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4120224										
Blank (4120224-BLK1)					Prepared & Analyzed: 12/02/04					
Iron	ND	0.05	0.10	mg/l						
LCS (4120224-BS1)					Prepared & Analyzed: 12/02/04					
Iron	3.82	0.05	0.10	mg/l	4.00		96 75-125			
LCS Dup (4120224-BSD1)					Prepared & Analyzed: 12/02/04					
Iron	3.91	0.05	0.10	mg/l	4.00		98 75-125	2	20	
Duplicate (4120224-DUP1)			Source: 0411376-01		Prepared & Analyzed: 12/02/04					
Iron	ND	0.05	0.10	mg/l		ND			20	
Matrix Spike (4120224-MS1)			Source: 0411376-01		Prepared & Analyzed: 12/02/04					
Iron	3.66	0.05	0.10	mg/l	4.00	ND	92 75-125			
Matrix Spike Dup (4120224-MSD1)			Source: 0411376-01		Prepared & Analyzed: 12/02/04					
Iron	3.72	0.05	0.10	mg/l	4.00	ND	93 75-125	2	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120201											
Blank (4120201-BLK1)						Prepared & Analyzed: 12/02/04					
Acetone	ND	7.46	25.0	ug/l							
Acetonitrile	ND	16.9	50.0	"							
Acrolein	ND	15.4	100	"							
Acrylonitrile	ND	0.66	10.0	"							
Allyl chloride	ND	0.29	1.00	"							
Benzene	ND	0.28	1.00	"							
Bromobenzene	ND	0.50	1.00	"							
Bromochloromethane	ND	0.41	1.00	"							
Bromodichloromethane	ND	0.33	1.00	"							
Bromoform	ND	0.30	1.00	"							
Bromomethane	ND	0.73	2.00	"							
2-Butanone	ND	5.25	25.0	"							
Carbon disulfide	ND	0.31	1.00	"							
Carbon tetrachloride	ND	0.71	2.00	"							
Chlorobenzene	ND	0.24	1.00	"							
Chlorodibromomethane	ND	0.27	1.00	"							
Chloroethane	ND	0.35	2.00	"							
Chloroform	ND	0.36	1.00	"							
Chloromethane	ND	0.38	2.00	"							
Chloroprene	ND	0.23	1.00	"							
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"							
Dibromomethane	ND	0.42	1.00	"							
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"							
1,2-Dichlorobenzene	ND	0.20	1.00	"							
1,3-Dichlorobenzene	ND	0.24	1.00	"							
1,4-Dichlorobenzene	ND	0.21	1.00	"							
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"							
Dichlorodifluoromethane	ND	0.79	2.00	"							
1,1-Dichloroethane	ND	0.29	1.00	"							
1,2-Dichloroethane	ND	0.28	1.00	"							
1,1-Dichloroethene	ND	0.24	1.00	"							
cis-1,2-Dichloroethene	ND	0.26	1.00	"							
trans-1,2-Dichloroethene	ND	0.21	1.00	"							
1,2-Dichloropropane	ND	0.28	1.00	"							
1,3-Dichloropropane	ND	0.53	1.00	"							
2,2-Dichloropropane	ND	0.35	1.00	"							
cis-1,3-Dichloropropene	ND	0.42	1.00	"							
trans-1,3-Dichloropropene	ND	0.42	1.00	"							

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4120201										
Blank (4120201-BLK1)					Prepared & Analyzed: 12/02/04					
Diethyl ether	ND	0.33	2.00	ug/l						
Ethylbenzene	ND	0.18	1.00	"						
Ethyl methacrylate	ND	0.78	5.00	"						
Hexachlorobutadiene	ND	0.34	1.00	"						
Hexachloroethane	ND	0.25	1.00	"						
2-Hexanone	ND	0.51	5.00	"						
Iodomethane	ND	0.29	1.00	"						
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"						
Methacrylonitrile	ND	0.92	10.0	"						
Methylene chloride	ND	0.35	5.00	"						
Methyl tert-butyl ether	ND	0.47	1.00	"						
4-Methyl-2-pentanone	ND	0.58	25.0	"						
Naphthalene	ND	0.25	2.00	"						
2-Nitropropane	ND	1.36	5.00	"						
n-Propylbenzene	ND	0.24	1.00	"						
Propionitrile	ND	34.9	100	"						
Styrene	ND	0.20	1.00	"						
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"						
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"						
Tetrachloroethene	ND	0.30	1.00	"						
Toluene	ND	0.55	1.00	"						
1,2,4-Trichlorobenzene	ND	0.37	1.00	"						
1,1,1-Trichloroethane	ND	0.40	2.00	"						
1,1,2-Trichloroethane	ND	0.38	1.00	"						
Trichloroethene	ND	0.23	1.00	"						
Trichlorofluoromethane	ND	0.55	2.00	"						
1,2,3-Trichloropropane	ND	0.26	2.00	"						
1,2,4-Trimethylbenzene	ND	0.19	1.00	"						
1,3,5-Trimethylbenzene	ND	0.20	1.00	"						
Vinyl chloride	ND	0.38	2.00	"						
m,p-Xylene	ND	0.51	2.00	"						
o-Xylene	ND	0.25	1.00	"						
Surrogate: Dibromofluoromethane	54.6			"	50.0		109	80-130		
Surrogate: 4-Bromofluorobenzene	56.0			"	50.0		112	80-135		
Surrogate: Toluene-d8	51.7			"	50.0		103	80-120		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4120201

LCS (4120201-BS1)

Prepared & Analyzed: 12/02/04

Benzene	44.5	0.28	1.00	ug/l	50.0		89	68-123			
Chlorobenzene	49.4	0.24	1.00	"	50.0		99	72-114			
1,1-Dichloroethene	53.4	0.24	1.00	"	50.0		107	60-127			
Toluene	49.3	0.55	1.00	"	50.0		99	70-119			
Trichloroethene	51.0	0.23	1.00	"	50.0		102	73-113			
Surrogate: Dibromofluoromethane	45.4			"	50.0		91	80-130			
Surrogate: 4-Bromofluorobenzene	51.4			"	50.0		103	80-135			
Surrogate: Toluene-d8	53.0			"	50.0		106	80-120			

Duplicate (4120201-DUP1)

Source: 0411377-08

Prepared & Analyzed: 12/02/04

Acetone	ND	7.46	25.0	ug/l		ND				30	
Acetonitrile	ND	16.9	50.0	"		ND				30	
Acrolein	ND	15.4	100	"		ND				30	
Acrylonitrile	ND	0.66	10.0	"		ND				30	
Allyl chloride	ND	0.29	1.00	"		ND				30	
Benzene	ND	0.28	1.00	"		ND				30	
Bromobenzene	ND	0.50	1.00	"		ND				30	
Bromochloromethane	ND	0.41	1.00	"		ND				30	
Bromodichloromethane	ND	0.33	1.00	"		ND				30	
Bromoform	ND	0.30	1.00	"		ND				30	
Bromomethane	ND	0.73	2.00	"		ND				30	
2-Butanone	ND	5.25	25.0	"		ND				30	
Carbon disulfide	ND	0.31	1.00	"		ND				30	
Carbon tetrachloride	ND	0.71	2.00	"		ND				30	
Chlorobenzene	ND	0.24	1.00	"		ND				30	
Chlorodibromomethane	ND	0.27	1.00	"		ND				30	
Chloroethane	ND	0.35	2.00	"		ND				30	
Chloroform	ND	0.36	1.00	"		ND				30	
Chloromethane	ND	0.38	2.00	"		ND				30	
Chloroprene	ND	0.23	1.00	"		ND				30	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"		ND				30	
Dibromomethane	ND	0.42	1.00	"		ND				30	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"		ND				30	
1,2-Dichlorobenzene	ND	0.20	1.00	"		ND				30	
1,3-Dichlorobenzene	ND	0.24	1.00	"		ND				30	
1,4-Dichlorobenzene	ND	0.21	1.00	"		ND				30	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"		ND				30	
Dichlorodifluoromethane	ND	0.79	2.00	"		ND				30	
1,1-Dichloroethane	ND	0.29	1.00	"		ND				30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120201											
Duplicate (4120201-DUP1)	Source: 0411377-08				Prepared & Analyzed: 12/02/04						
1,2-Dichloroethane	ND	0.28	1.00	ug/l		ND				30	
1,1-Dichloroethene	ND	0.24	1.00	"		ND				30	
cis-1,2-Dichloroethene	ND	0.26	1.00	"		ND				30	
trans-1,2-Dichloroethene	ND	0.21	1.00	"		ND				30	
1,2-Dichloropropane	ND	0.28	1.00	"		ND				30	
1,3-Dichloropropane	ND	0.53	1.00	"		ND				30	
2,2-Dichloropropane	ND	0.35	1.00	"		ND				30	
cis-1,3-Dichloropropene	ND	0.42	1.00	"		ND				30	
trans-1,3-Dichloropropene	ND	0.42	1.00	"		ND				30	
Diethyl ether	ND	0.33	2.00	"		ND				30	
Ethylbenzene	ND	0.18	1.00	"		ND				30	
Ethyl methacrylate	ND	0.78	5.00	"		ND				30	
Hexachlorobutadiene	ND	0.34	1.00	"		ND				30	
Hexachloroethane	ND	0.25	1.00	"		ND				30	
2-Hexanone	ND	0.51	5.00	"		ND				30	
Iodomethane	ND	0.29	1.00	"		ND				30	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"		ND				30	
Methacrylonitrile	ND	0.92	10.0	"		ND				30	
Methylene chloride	ND	0.35	5.00	"		ND				30	
Methyl tert-butyl ether	ND	0.47	1.00	"		ND				30	
4-Methyl-2-pentanone	ND	0.58	25.0	"		ND				30	
Naphthalene	ND	0.25	2.00	"		ND				30	
2-Nitropropane	ND	1.36	5.00	"		ND				30	
n-Propylbenzene	ND	0.24	1.00	"		ND				30	
Propionitrile	ND	34.9	100	"		ND				30	
Styrene	ND	0.20	1.00	"		ND				30	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"		ND				30	
Tetrachloroethene	ND	0.30	1.00	"		ND				30	
Toluene	ND	0.55	1.00	"		ND				30	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"		ND				30	
1,1,1-Trichloroethane	ND	0.40	2.00	"		ND				30	
1,1,2-Trichloroethane	ND	0.38	1.00	"		ND				30	
Trichloroethene	ND	0.23	1.00	"		ND				30	
Trichlorofluoromethane	ND	0.55	2.00	"		ND				30	
1,2,3-Trichloropropane	ND	0.26	2.00	"		ND				30	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"		ND				30	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"		ND				30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120201											
Duplicate (4120201-DUP1)			Source: 0411377-08			Prepared & Analyzed: 12/02/04					
Vinyl chloride	ND	0.38	2.00	ug/l		ND				30	
m,p-Xylene	ND	0.51	2.00	"		ND				30	
o-Xylene	ND	0.25	1.00	"		ND				30	
Surrogate: Dibromofluoromethane	52.9			"	50.0		106	80-130			
Surrogate: 4-Bromofluorobenzene	59.6			"	50.0		119	80-135			
Surrogate: Toluene-d8	54.0			"	50.0		108	80-120			
Matrix Spike (4120201-MS1)			Source: 0411377-01			Prepared & Analyzed: 12/02/04					
Benzene	53.2	0.28	1.00	ug/l	50.0	ND	106	70-128			
Chlorobenzene	49.2	0.24	1.00	"	50.0	ND	98	74-119			
1,1-Dichloroethene	49.5	0.24	1.00	"	50.0	ND	99	60-133			
Toluene	50.5	0.55	1.00	"	50.0	ND	101	72-125			
Trichloroethene	48.8	0.23	1.00	"	50.0	ND	98	73-119			
Surrogate: Dibromofluoromethane	49.2			"	50.0		98	80-130			
Surrogate: 4-Bromofluorobenzene	55.7			"	50.0		111	80-135			
Surrogate: Toluene-d8	50.6			"	50.0		101	80-120			
Matrix Spike Dup (4120201-MSD1)			Source: 0411377-01			Prepared & Analyzed: 12/02/04					
Benzene	45.6	0.28	1.00	ug/l	50.0	ND	91	70-128	15	30	
Chlorobenzene	47.3	0.24	1.00	"	50.0	ND	95	74-119	4	30	
1,1-Dichloroethene	51.6	0.24	1.00	"	50.0	ND	103	60-133	4	30	
Toluene	51.8	0.55	1.00	"	50.0	ND	104	72-125	3	30	
Trichloroethene	48.8	0.23	1.00	"	50.0	ND	98	73-119	0	30	
Surrogate: Dibromofluoromethane	49.6			"	50.0		99	80-130			
Surrogate: 4-Bromofluorobenzene	60.2			"	50.0		120	80-135			
Surrogate: Toluene-d8	54.7			"	50.0		109	80-120			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4120301										
Blank (4120301-BLK1)					Prepared & Analyzed: 12/03/04					
Acetone	ND	7.46	25.0	ug/l						
Acetonitrile	ND	16.9	50.0	"						
Acrolein	ND	15.4	100	"						
Acrylonitrile	ND	0.66	10.0	"						
Allyl chloride	ND	0.29	1.00	"						
Benzene	ND	0.28	1.00	"						
Bromobenzene	ND	0.50	1.00	"						
Bromochloromethane	ND	0.41	1.00	"						
Bromodichloromethane	ND	0.33	1.00	"						
Bromoform	ND	0.30	1.00	"						
Bromomethane	ND	0.73	2.00	"						
2-Butanone	ND	5.25	25.0	"						
Carbon disulfide	ND	0.31	1.00	"						
Carbon tetrachloride	ND	0.71	2.00	"						
Chlorobenzene	ND	0.24	1.00	"						
Chlorodibromomethane	ND	0.27	1.00	"						
Chloroethane	ND	0.35	2.00	"						
Chloroform	ND	0.36	1.00	"						
Chloromethane	ND	0.38	2.00	"						
Chloroprene	ND	0.23	1.00	"						
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"						
Dibromomethane	ND	0.42	1.00	"						
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"						
1,2-Dichlorobenzene	ND	0.20	1.00	"						
1,3-Dichlorobenzene	ND	0.24	1.00	"						
1,4-Dichlorobenzene	ND	0.21	1.00	"						
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"						
Dichlorodifluoromethane	ND	0.79	2.00	"						
1,1-Dichloroethane	ND	0.29	1.00	"						
1,2-Dichloroethane	ND	0.28	1.00	"						
1,1-Dichloroethene	ND	0.24	1.00	"						
cis-1,2-Dichloroethene	ND	0.26	1.00	"						
trans-1,2-Dichloroethene	ND	0.21	1.00	"						
1,2-Dichloropropane	ND	0.28	1.00	"						
1,3-Dichloropropane	ND	0.53	1.00	"						
2,2-Dichloropropane	ND	0.35	1.00	"						
cis-1,3-Dichloropropene	ND	0.42	1.00	"						
trans-1,3-Dichloropropene	ND	0.42	1.00	"						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120301											
Blank (4120301-BLK1)						Prepared & Analyzed: 12/03/04					
Diethyl ether	ND	0.33	2.00	ug/l							
Ethylbenzene	ND	0.18	1.00	"							
Ethyl methacrylate	ND	0.78	5.00	"							
Hexachlorobutadiene	ND	0.34	1.00	"							
Hexachloroethane	ND	0.25	1.00	"							
2-Hexanone	ND	0.51	5.00	"							
Iodomethane	ND	0.29	1.00	"							
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"							
Methacrylonitrile	ND	0.92	10.0	"							
Methylene chloride	ND	0.35	5.00	"							
Methyl tert-butyl ether	ND	0.47	1.00	"							
4-Methyl-2-pentanone	ND	0.58	25.0	"							
Naphthalene	ND	0.25	2.00	"							
2-Nitropropane	ND	1.36	5.00	"							
n-Propylbenzene	ND	0.24	1.00	"							
Propionitrile	ND	34.9	100	"							
Styrene	ND	0.20	1.00	"							
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"							
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"							
Tetrachloroethene	ND	0.30	1.00	"							
Toluene	ND	0.55	1.00	"							
1,2,4-Trichlorobenzene	ND	0.37	1.00	"							
1,1,1-Trichloroethane	ND	0.40	2.00	"							
1,1,2-Trichloroethane	ND	0.38	1.00	"							
Trichloroethene	ND	0.23	1.00	"							
Trichlorofluoromethane	ND	0.55	2.00	"							
1,2,3-Trichloropropane	ND	0.26	2.00	"							
1,2,4-Trimethylbenzene	ND	0.19	1.00	"							
1,3,5-Trimethylbenzene	ND	0.20	1.00	"							
Vinyl chloride	ND	0.38	2.00	"							
m,p-Xylene	ND	0.51	2.00	"							
o-Xylene	ND	0.25	1.00	"							
Surrogate: Dibromofluoromethane	49.6			"	50.0		99	80-130			
Surrogate: 4-Bromofluorobenzene	55.0			"	50.0		110	80-135			
Surrogate: Toluene-d8	51.5			"	50.0		103	80-120			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4120301

LCS (4120301-BS1)

Prepared & Analyzed: 12/03/04

Benzene	44.3	0.28	1.00	ug/l	50.0		89	68-123			
Chlorobenzene	48.5	0.24	1.00	"	50.0		97	72-114			
1,1-Dichloroethene	55.0	0.24	1.00	"	50.0		110	60-127			
Toluene	48.8	0.55	1.00	"	50.0		98	70-119			
Trichloroethene	49.4	0.23	1.00	"	50.0		99	73-113			
Surrogate: Dibromofluoromethane	46.3			"	50.0		93	80-130			
Surrogate: 4-Bromofluorobenzene	51.5			"	50.0		103	80-135			
Surrogate: Toluene-d8	52.2			"	50.0		104	80-120			

Duplicate (4120301-DUP1)

Source: 0411377-10

Prepared & Analyzed: 12/03/04

Acetone	ND	7.46	25.0	ug/l		ND				30	
Acetonitrile	ND	16.9	50.0	"		ND				30	
Acrolein	ND	15.4	100	"		ND				30	
Acrylonitrile	ND	0.66	10.0	"		ND				30	
Allyl chloride	ND	0.29	1.00	"		ND				30	
Benzene	ND	0.28	1.00	"		ND				30	
Bromobenzene	ND	0.50	1.00	"		ND				30	
Bromochloromethane	ND	0.41	1.00	"		ND				30	
Bromodichloromethane	ND	0.33	1.00	"		ND				30	
Bromoform	ND	0.30	1.00	"		ND				30	
Bromomethane	ND	0.73	2.00	"		ND				30	
2-Butanone	ND	5.25	25.0	"		ND				30	
Carbon disulfide	ND	0.31	1.00	"		ND				30	
Carbon tetrachloride	ND	0.71	2.00	"		ND				30	
Chlorobenzene	ND	0.24	1.00	"		ND				30	
Chlorodibromomethane	ND	0.27	1.00	"		ND				30	
Chloroethane	ND	0.35	2.00	"		ND				30	
Chloroform	ND	0.36	1.00	"		ND				30	
Chloromethane	ND	0.38	2.00	"		ND				30	
Chloroprene	ND	0.23	1.00	"		ND				30	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"		ND				30	
Dibromomethane	ND	0.42	1.00	"		ND				30	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"		ND				30	
1,2-Dichlorobenzene	ND	0.20	1.00	"		ND				30	
1,3-Dichlorobenzene	ND	0.24	1.00	"		ND				30	
1,4-Dichlorobenzene	ND	0.21	1.00	"		ND				30	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"		ND				30	
Dichlorodifluoromethane	ND	0.79	2.00	"		ND				30	
1,1-Dichloroethane	ND	0.29	1.00	"		ND				30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4120301										
Duplicate (4120301-DUP1)	Source: 0411377-10				Prepared & Analyzed: 12/03/04					
1,2-Dichloroethane	ND	0.28	1.00	ug/l		ND			30	
1,1-Dichloroethene	ND	0.24	1.00	"		ND			30	
cis-1,2-Dichloroethene	ND	0.26	1.00	"		ND			30	
trans-1,2-Dichloroethene	ND	0.21	1.00	"		ND			30	
1,2-Dichloropropane	ND	0.28	1.00	"		ND			30	
1,3-Dichloropropane	ND	0.53	1.00	"		ND			30	
2,2-Dichloropropane	ND	0.35	1.00	"		ND			30	
cis-1,3-Dichloropropene	ND	0.42	1.00	"		ND			30	
trans-1,3-Dichloropropene	ND	0.42	1.00	"		ND			30	
Diethyl ether	ND	0.33	2.00	"		ND			30	
Ethylbenzene	ND	0.18	1.00	"		ND			30	
Ethyl methacrylate	ND	0.78	5.00	"		ND			30	
Hexachlorobutadiene	ND	0.34	1.00	"		ND			30	
Hexachloroethane	ND	0.25	1.00	"		ND			30	
2-Hexanone	ND	0.51	5.00	"		ND			30	
Iodomethane	ND	0.29	1.00	"		ND			30	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"		ND			30	
Methacrylonitrile	ND	0.92	10.0	"		ND			30	
Methylene chloride	ND	0.35	5.00	"		ND			30	
Methyl tert-butyl ether	ND	0.47	1.00	"		ND			30	
4-Methyl-2-pentanone	ND	0.58	25.0	"		ND			30	
Naphthalene	ND	0.25	2.00	"		ND			30	
2-Nitropropane	ND	1.36	5.00	"		ND			30	
n-Propylbenzene	ND	0.24	1.00	"		ND			30	
Propionitrile	ND	34.9	100	"		ND			30	
Styrene	ND	0.20	1.00	"		ND			30	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"		ND			30	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"		ND			30	
Tetrachloroethene	ND	0.30	1.00	"		ND			30	
Toluene	ND	0.55	1.00	"		ND			30	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"		ND			30	
1,1,1-Trichloroethane	ND	0.40	2.00	"		ND			30	
1,1,2-Trichloroethane	ND	0.38	1.00	"		ND			30	
Trichloroethene	ND	0.23	1.00	"		ND			30	
Trichlorofluoromethane	ND	0.55	2.00	"		ND			30	
1,2,3-Trichloropropane	ND	0.26	2.00	"		ND			30	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"		ND			30	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"		ND			30	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4120301										
Duplicate (4120301-DUP1)		Source: 0411377-10			Prepared & Analyzed: 12/03/04					
Vinyl chloride	ND	0.38	2.00	ug/l		ND			30	
m,p-Xylene	ND	0.51	2.00	"		ND			30	
o-Xylene	ND	0.25	1.00	"		ND			30	
Surrogate: Dibromofluoromethane	57.1			"	50.0		114	80-130		
Surrogate: 4-Bromofluorobenzene	58.4			"	50.0		117	80-135		
Surrogate: Toluene-d8	53.7			"	50.0		107	80-120		
Matrix Spike (4120301-MS1)		Source: 0411377-09			Prepared & Analyzed: 12/03/04					
Benzene	51.3	0.28	1.00	ug/l	50.0	ND	103	70-128		
Chlorobenzene	46.4	0.24	1.00	"	50.0	ND	93	74-119		
1,1-Dichloroethene	43.7	0.24	1.00	"	50.0	ND	87	60-133		
Toluene	47.4	0.55	1.00	"	50.0	ND	95	72-125		
Trichloroethene	48.4	0.23	1.00	"	50.0	ND	97	73-119		
Surrogate: Dibromofluoromethane	49.6			"	50.0		99	80-130		
Surrogate: 4-Bromofluorobenzene	56.2			"	50.0		112	80-135		
Surrogate: Toluene-d8	51.6			"	50.0		103	80-120		
Matrix Spike Dup (4120301-MSD1)		Source: 0411377-09			Prepared & Analyzed: 12/03/04					
Benzene	47.5	0.28	1.00	ug/l	50.0	ND	95	70-128	8	30
Chlorobenzene	47.6	0.24	1.00	"	50.0	ND	95	74-119	3	30
1,1-Dichloroethene	53.5	0.24	1.00	"	50.0	ND	107	60-133	20	30
Toluene	53.0	0.55	1.00	"	50.0	ND	106	72-125	11	30
Trichloroethene	49.3	0.23	1.00	"	50.0	ND	99	73-119	2	30
Surrogate: Dibromofluoromethane	54.1			"	50.0		108	80-130		
Surrogate: 4-Bromofluorobenzene	57.9			"	50.0		116	80-135		
Surrogate: Toluene-d8	53.6			"	50.0		107	80-120		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4113008											
Blank (4113008-BLK1)						Prepared & Analyzed: 11/30/04					
Oil & Grease	ND	1	1	mg/l							
LCS (4113008-BS1)						Prepared & Analyzed: 11/30/04					
Oil & Grease	89	1	1	mg/l	106		84	75-125			
LCS Dup (4113008-BSD1)						Prepared & Analyzed: 11/30/04					
Oil & Grease	94	1	1	mg/l	106		89	75-125	5	20	
Batch 4120105											
Duplicate (4120105-DUP1)			Source: 0411375-01			Prepared & Analyzed: 11/30/04					
pH	10.5	0.01	0.10	pH Units		10.5			0	20	
Reference (4120105-SRM1)						Prepared & Analyzed: 11/30/04					
pH	8.85	0.01	0.10	pH Units	9.10		97	97-103			
Batch 4120107											
Blank (4120107-BLK1)						Prepared & Analyzed: 12/01/04					
Nitrite as N	ND	0.007	0.05	mg/l							
LCS (4120107-BS1)						Prepared & Analyzed: 12/01/04					
Nitrite as N	0.09	0.007	0.05	mg/l	0.100		90	80-120			
LCS Dup (4120107-BSD1)						Prepared & Analyzed: 12/01/04					
Nitrite as N	0.09	0.007	0.05	mg/l	0.100		90	80-120	0	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4120107										
Duplicate (4120107-DUP1)		Source: 0411377-10			Prepared & Analyzed: 12/01/04					
Nitrite as N	ND	0.007	0.05	mg/l		ND			20	
Matrix Spike (4120107-MS1)		Source: 0411377-10			Prepared & Analyzed: 12/01/04					
Nitrite as N	0.10	0.007	0.05	mg/l	0.100	ND	100	80-120		
Matrix Spike Dup (4120107-MSD1)		Source: 0411377-10			Prepared & Analyzed: 12/01/04					
Nitrite as N	0.10	0.007	0.05	mg/l	0.100	ND	100	80-120	0	20
Reference (4120107-SRM1)					Prepared & Analyzed: 12/01/04					
Nitrite as N	1.44	0.04	0.25	mg/l	1.55		93	91.6-111		
Batch 4120111										
Duplicate (4120111-DUP1)		Source: 0411377-04			Prepared: 12/01/04 Analyzed: 12/03/04					
Total Dissolved Solids	49700	1	20	mg/l		48600			2	20
Reference (4120111-SRM1)					Prepared: 12/01/04 Analyzed: 12/03/04					
Total Dissolved Solids	252	1	20	mg/l	286		88	86-114		
Batch 4120121										
Blank (4120121-BLK1)					Prepared & Analyzed: 12/01/04					
Nitrate as N	ND	0.009	0.05	mg/l						
LCS (4120121-BS1)					Prepared & Analyzed: 12/01/04					
Nitrate as N	0.45	0.009	0.05	mg/l	0.500		90	80-120		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120121											
LCS Dup (4120121-BSD1)						Prepared & Analyzed: 12/01/04					
Nitrate as N	0.41	0.009	0.05	mg/l	0.500		82	80-120	9	20	
Duplicate (4120121-DUP1)						Source: 0411377-09		Prepared & Analyzed: 12/01/04			
Nitrate as N	0.01	0.009	0.05	mg/l		0.009			11	20	J
Matrix Spike (4120121-MS1)						Source: 0411377-10		Prepared & Analyzed: 12/01/04			
Nitrate as N	0.59	0.009	0.05	mg/l	0.500	ND	118	80-120			
Matrix Spike Dup (4120121-MSD1)						Source: 0411377-10		Prepared & Analyzed: 12/01/04			
Nitrate as N	0.59	0.009	0.05	mg/l	0.500	ND	118	80-120	0	20	
Reference (4120121-SRM1)						Prepared & Analyzed: 12/01/04					
Nitrate as N	6.53	0.09	0.50	mg/l	6.49		101	0-200			
Batch 4120137											
Blank (4120137-BLK1)						Prepared: 12/01/04 Analyzed: 12/02/04					
Sulfate as SO4	ND	1.0	5.0	mg/l							
LCS (4120137-BS1)						Prepared: 12/01/04 Analyzed: 12/02/04					
Sulfate as SO4	8.8	1.0	5.0	mg/l	10.0		88	80-120			
LCS Dup (4120137-BSD1)						Prepared: 12/01/04 Analyzed: 12/02/04					
Sulfate as SO4	9.0	1.0	5.0	mg/l	10.0		90	80-120	2	20	
Duplicate (4120137-DUP1)						Source: 0411376-01		Prepared: 12/01/04 Analyzed: 12/02/04			
Sulfate as SO4	421	25.0	125	mg/l		412			2	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4120137										
Matrix Spike (4120137-MS1)		Source: 0411376-01			Prepared: 12/01/04		Analyzed: 12/02/04			
Sulfate as SO ₄	677	25.0	125	mg/l	250	412	106	80-120		
Matrix Spike Dup (4120137-MSD1)		Source: 0411376-01			Prepared: 12/01/04		Analyzed: 12/02/04			
Sulfate as SO ₄	667	25.0	125	mg/l	250	412	102	80-120	1	20
Batch 4120208										
Blank (4120208-BLK1)		Prepared & Analyzed: 12/02/04								
Total Sulfide	ND	0.05	0.05	mg/l						
LCS (4120208-BS1)		Prepared & Analyzed: 12/02/04								
Total Sulfide	0.19	0.05	0.05	mg/l	0.200		95	80-120		
LCS Dup (4120208-BSD1)		Prepared & Analyzed: 12/02/04								
Total Sulfide	0.19	0.05	0.05	mg/l	0.200		95	80-120	0	20
Duplicate (4120208-DUP1)		Source: 0411377-04			Prepared & Analyzed: 12/02/04					
Total Sulfide	ND	0.05	0.05	mg/l		ND				20
Matrix Spike (4120208-MS1)		Source: 0411377-04			Prepared & Analyzed: 12/02/04					
Total Sulfide	ND	0.05	0.05	mg/l	0.200	ND		80-120		QM-05
Matrix Spike Dup (4120208-MSD1)		Source: 0411377-04			Prepared & Analyzed: 12/02/04					
Total Sulfide	ND	0.05	0.05	mg/l	0.200	ND		80-120	20	QM-05
Batch 4120210										
Duplicate (4120210-DUP1)		Source: 0412007-01			Prepared & Analyzed: 12/02/04					
Specific Conductance (EC)	6540	1	1	umhos/cm		6620			1	20

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4120210										
Reference (4120210-SRM1)					Prepared & Analyzed: 12/02/04					
Specific Conductance (EC)	469	1	1	umhos/cm	457		103 93-107			
Batch 4120311										
Blank (4120311-BLK1)					Prepared & Analyzed: 12/03/04					
Ammonia as N	ND	0.02	0.10	mg/l						
LCS (4120311-BS1)					Prepared & Analyzed: 12/03/04					
Ammonia as N	0.87	0.02	0.10	mg/l	0.820		106 80-120			
LCS Dup (4120311-BSD1)					Prepared & Analyzed: 12/03/04					
Ammonia as N	0.89	0.02	0.10	mg/l	0.820		109 80-120	2	20	
Duplicate (4120311-DUP1)					Source: 0412005-01		Prepared & Analyzed: 12/03/04			
Ammonia as N	ND	0.02	0.10	mg/l		ND			20	
Matrix Spike (4120311-MS1)					Source: 0412005-01		Prepared & Analyzed: 12/03/04			
Ammonia as N	0.92	0.02	0.10	mg/l	0.820	ND	112 80-120			
Matrix Spike Dup (4120311-MSD1)					Source: 0412005-01		Prepared & Analyzed: 12/03/04			
Ammonia as N	0.98	0.02	0.10	mg/l	0.820	ND	120 80-120	6	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: City of San Diego
Project Name: Mission Bay

EMA Log #: 0411377

Notes and Definitions

GC-35	1,3 Oxathiolane present in sample.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QM-4X	The spike recovery was outside of the QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
QR-02	The RPD result exceeded the QC limits due to non-homogeneity of sample.
QR-04	The RPD between the sample and sample duplicate is not valid since both results are below the reporting limit for this analyte.
ND	Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR	Not Reported
dry	Sample results reported on a dry weight basis (if indicated in units column)
RPD	Relative Percent Difference
MDL	Method detection limit (indicated per client's request)

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.